

Application No. 09/560,046  
Attorney's Docket No. 028870-224

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **LISTING OF CLAIMS**

Claims 1-16 (Canceled)

Claim 17. (Currently amended) A wound or burn dressing comprising a bandage, a topical antibiotic and non-linked particles of bioactive glass wherein the bandage is cotton, gauze, fiberglass, or synthetic material and ~~The dressing of claim 16 wherein the fiberglass is made from bioactive glass.~~

Claim 18. (Previously presented) A wound or burn treatment applicator apparatus comprising a topical carrier in a first chamber, non-linked particles of bioactive glass in a second chamber and a mixing means for mixing the topical carrier and the bioactive glass.

Claim 19. (Original) The apparatus of claim 18, wherein the wound or burn treatment apparatus is a multi chamber syringe.

Claim 20. Canceled

Claim 21. (Original) A method for improving the appearance of the scar formed during the healing of wounds or burns comprising contacting a wound or burn with an effective scar appearance improving amount of a non-linked, particulate bioactive glass.

Claim 22. (Original) The method of claim 21 wherein the bioactive glass is present in a composition comprising the bioactive glass in the form of non-linked, small particles of bioactive glass and a suitable carrier.

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Claim 23. Canceled.

Claim 24. Canceled.

Claim 25. (Currently amended) A method of reducing the level of inflammation in a wound by contacting the wound with an effective inflammation reducing amount of a bioactive glass, The method of claim 24 wherein the inflammation is chronic inflammation.

Claim 26. Canceled.

Claim 27. (Currently amended) A method of reducing the level of bacterial infection in a wound comprising contacting the wound with an effective antibacterial amount of a bioactive glass, The method of claim 26, wherein the bioactive glass has a composition by weight percentage:

<u>Component</u>	<u>Percent</u>
SiO <sub>2</sub>	40-86
CaO	10-46
Na <sub>2</sub> O	0-35
P <sub>2</sub> O <sub>5</sub>	2-8
CaF <sub>2</sub>	0-25
B <sub>2</sub> O <sub>3</sub>	0-10
K <sub>2</sub> O	0-8
MgO	0-5.

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Claim 28. (Currently amended) The method of claim 26 27, wherein the bioactive glass has a composition by weight percentage:

<u>Component</u>	<u>Percent</u>
SiO <sub>2</sub>	45
CaO	24.5
Na <sub>2</sub> O	24.5
P <sub>2</sub> O <sub>5</sub>	6.

Claim 29. Canceled.

Claim 30. (Currently amended) A method of reducing the level of bacterial infection in a wound comprising contacting the wound with an effective antibacterial amount of a bioactive glass. ~~The method of claim 26~~, wherein the bioactive glass has a particle size range less than about 20 microns as measured by SEM or laser light scattering techniques.

Claim 31. (Currently amended) The method of claim 26 30, wherein the bioactive glass has a particle size range less than about 2 microns as measured by SEM or laser light scattering techniques.

Claims 32-49. Canceled.